

## Quick reference guide comparison of DB25 Analog Audio Pinouts of various D-Cinema devices, processors, and D-to-A converters. (6-channel analog) and (8-channel analog).

**NOTE: The information in this document was compiled over time from manufacturer's equipment manuals and service calls, and is used internally by Odyssey for construction of cables and other devices. It is a guide only. It is your responsibility to verify the accuracy of any information you may derive from this document.**

Device OUTPUTS with DB25 "DMA8/ECI-60/DAX-602" pinout:

**DMA8/DMA8plus** NOTE: male connector on chassis.  
**ECI-60** NOTE: male connector on chassis.  
**DAX-602** NOTE: male connector on chassis.  
**Gefen Pro II Scaler** NOTE: **female** connector on chassis.

Device INPUTS with DB25 "DA20" -style pinout that allow **direct 25-pin cable connection** from the above outputs:

**CP500** (6-channel only)  
**CP650** (6-channel only)  
**JSD-80 (USL)** (up to 8-channels in)  
**DTS-XD10P** (up to 8-channels in)

Odyssey offers boards that provide a compatible DB25-female input connector for older CP's with screw terminals, or with incompatible older Dsub pinouts, and with the newer "THX" style 8-channel input pinouts.

Odyssey boards that provide "DA20" or "ECI-60"-style DB25 input connectors for older processors:

**INPUT25-55** for **CP55** (modified and unmodified for split stereo surrounds)  
**INPUT25-65** for **CP65**  
**4FJS-XF** for **USL JS-series** processors (This board has isolation transformers.)  
**INPUT25-6AD** for **DTS-6AD** (correctly matches up all of the minuses)  
**INPUT25-3K** for **Sony DFP-D3000 and DCP-1000** (For 6-channels. Can be ordered for 8-channels.)  
**INPUT25-2C** for **Smart Mod IIC**, and **Mod's 5 through 8**.  
**4F2C-XF-DA** transformer isolation for **Smart Mod IIC**, and **Mod's 5 through 8**.  
**4F2B-XF** transformer isolation for **Smart Mod IIB**.

Odyssey boards that provide "DMA8/ECI-60/DAX-602" -style DB25 input connectors for NEWER processors (with "THX"-style input pin-configurations):

**INPUT25-JSD100** for **USL JSD-100** (for up to 8-channels)  
**ODY-ECITHX-8** for **QSC DCP-100/200/300** (for up to 8-channels)  
**ODY-ECITHX-8** for **CP750, and Christie SKA-3D** (for up to 8-channels)

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NOTE: **Doremi** servers (those that were equipped with the analog output board) and **Doremi AUD-D2A** converters have a different analog d-sub pin-configuration. Custom cabling is usually required to connect these to cinema processors.

"DA20" -style Pin-configuration (6-channel, un-balanced)		"DMA8" -style Pin-configuration (8-channel, balanced)	
1	Analog Ground	1	Left (-)
2	Right Surround (+)	2	Right Surround (+)
3	Analog Ground	3	Right Surround (-)
4	Analog Ground	4	Left Surround (-)
5	Analog Ground	5	Right CENTER (-)
6	Analog Ground	6	Right (-)
7	Analog Ground	7	Left CENTER (-)
8	Analog Ground	8	Center (-)
9	Analog Ground	9	Analog Ground (chassis gnd DMA8)
10	Analog Ground	10	Analog Ground (chassis gnd DMA8)
11	Analog Ground	11	Analog Ground (chassis gnd DMA8)
12	Analog Ground	12	Subwoofer (-)
13	Analog Ground	13	Analog Ground (chassis gnd DMA8)
14	Left (+)	14	Left (+)
15	Left Surround (+)	15	Left Surround (+)
16	Analog Ground/ (RC+ on JSD-80)	16	Right CENTER (+)
17	Right (+)	17	Right (+)
18	Analog Ground/ (LC+ on JSD-80)	18	Left CENTER (+)
19	Analog Ground	19	CHASSIS Ground
20	Center (+)	20	Center (+)
21	Analog Ground/ (sometimes n/c)	21	(sometimes n/c)
22	Analog Ground	22	Analog Ground (n/c on DMA8 out)
23	Analog Ground	23	Analog Ground (n/c on DMA8 out)
24	Subwoofer (+)	24	Subwoofer (+)
25	Analog Ground/ (sometimes n/c)	25	("pass-through" on D/A converters)
<p align="center"><b><u>Devices with this input pin-configuration:</u></b></p> <p><b>CP500</b>  <b>CP650</b>  <b>JSD-80</b>  <b>DTS XD10P</b>  Odyssey <b>INPUT25-55</b> board.  Odyssey <b>INPUT25-65</b> board.  Odyssey <b>4FXF-series</b> transformer bds.</p>		<p align="center"><b><u>Devices with this input pin-configuration:</u></b></p> <p>Odyssey <b>INPUT25-6AD</b> (<b>NO</b> LC or RC)  Odyssey <b>INPUT25-3K</b> board  Odyssey <b>INPUT25-JSD100</b> board  Odyssey <b>ODY-ECITHX-8</b> board</p>	

"Doremi" –style Pin-configuration (8-channel, un-balanced output)		"THX" –style Pin-configuration (8-channel, balanced)	
1	(Ch.8) Right Center (+)	1	Ground
2	(Ch.8) Right Center Ground	2	Left (+)
3	n/c	3	Left Center (-)
4	(Ch.6) Right Surround (+)	4	Ground
5	(Ch.6) Right Surround Ground	5	Center (+)
6	n/c	6	Right Center (-)
7	(Ch.4) Subwoofer (+)	7	Ground
8	(Ch.4) Subwoofer Ground	8	Right (+)
9	n/c	9	Ground
10	(Ch.2) Right (+)	10	Left Surround (-)
11	(Ch.2) Right Ground	11	Right Surround (-)
12	n/c	12	Subwoofer (-)
13	n/c	13	Ground
14	n/c	14	Left (-)
15	(Ch.7) Left Center (+)	15	Ground
16	(Ch.7) Left Center Ground	16	Left Center (+)
17	n/c	17	Center (-)
18	(Ch.5) Left Surround (+)	18	Ground
19	(Ch.5) Left Surround Ground	19	Right Center (+)
20	n/c	20	Right (-)
21	(Ch.3) Center (+)	21	n/c
22	(Ch.3) Center Ground	22	Ground
23	n/c	23	Left Surround (+)
24	(Ch.1) Left (+)	24	Right Surround (+)
25	(Ch.1) Left Ground	25	Subwoofer (+)
<p align="center"><b>Devices with this pin-configuration:</b></p> <p><b>Doremi Servers (w/DB25 output)</b> (with the internal Analog output board)</p> <p><b>Doremi AUD-D2A</b> digital-to-analog converter output.</p>		<p align="center"><b>Devices with this input pin-configuration:</b></p> <p><b>CP750</b>  <b>USL JSD-100</b>  <b>USL JSD-60</b> (in=6-channel, out=8-channel)  <b>QSC DCP-100/200/300</b>  <b>Christie SKA-3D</b>  <b>Sony DCP-1000</b>  <b>Sony DFP-D3000</b>  <b>(NOTE: The above processors have the same input AND output analog pinouts.)</b></p> <p><b>also:</b> - QSC DCM-series monitors  - USL monitors  - Odyssey monitors and crossovers  - THX monitors  - others</p>	